

Abstract

A lumber unscrambler and conveyor having first and second rigid units mounted at an incline on a support structure. Each unit has a plurality of spaced apart parallel plates in series along the incline and parallel thereto. The plates on the respective first and second units are interleaved in alternate relation. The plates have an upper article supporting surface and a leading edge generally transverse to the incline. The leading edge of plates proximate the in-feed end are of greater depth than those further along the path toward the out-feed end. The units are supported on the support structure to move relative thereto and one another. The units are driven in synchronized out of phase relation reciprocating along the inclined path. A hopper at the in-feed end receives and holds a supply of lumber pieces of selected dimension and as the plates reciprocate they move pieces of the lumber from the hopper to the out-feed end discharging normally only a single stick one after another.